



Docket No. 24061.142 (TSMC2002-1387)
Customer No. 42717

28H
Btw

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ai-Sen Liu, et al.

§ Docket Number: 24061.142
§ (TSMC2002-1387)

Serial No.: 10/657,847

§ § Examiner: To Be Determined

Filed: September 9, 2003

§ § Art Unit: 2811

For: Method for Forming Dielectric
Barrier Layer in Damascene
Structure

§ § Conf. No.: 2138

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL SHEET TO POWER OF ATTORNEY

In accordance with 37 CFR 1.32 (c)(3) and with reference to the accompanying Power of Attorney, please recognize the following ten patent practitioners as being of record in this application.

Name	Registration Number
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Andrew S. Ehmke	50,271
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Julie M. Nickols	50,826
J. Andrew Lowes	40,706
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Certificate of Mailing

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

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7-23-04
Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Liu, et al.

§ Attorney Docket No.: 24061.142

Serial No. Unknown

§ Customer No. 27683

Filed: Herewith

§ Group Art Unit: Unknown

For: METHOD FOR FORMING DIELECTRIC
BARRIER LAYER IN DAMASCENE
STRUCTURE

§ Examiner: Unknown

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY FOR PATENT APPLICATION

As a representative of the Assignee, Taiwan Semiconductor Manufacturing Company, Ltd., I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above. A copy of the assignment or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee.

Taiwan Semiconductor Manufacturing, Inc.

9/26/03
Date

Chien-Wei Chou
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Title: Director, IP Division

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